

DECLARATION FOR PATENT APPLICATION

As below named inventor(s)

KENNETH C. KERN	GEORGE P. CHARLES	CHRISTOPHER F. SULLIVAN	ANDREW D. SULLIVAN
HOWARD H. SHIEL	JOHN M. RIGHI	MICHAEL A. HAYES	DANIEL H. MASON

We/I hereby declare that residence, post office address and citizenship are as stated on page 2.

We/I believe we/I are the original, first and joint inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled PROCESS UNIT MONITORING TOOLSET, the specification of which(check one) ☒ is attached hereto.☐ was filed on _____ as Application Serial No. _____
and was amended on _____ (if applicable).

We/I hereby state that we/I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We/I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

We/I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate(s) listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)**Priority Claimed**

(Number)

(Country)

(Day/Month/Year Filed)

☐
Yes☐
No

We/I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we/I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status) (patented, pending, abandoned)

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POWER OF ATTORNEY: As named inventor(s), we/I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

NAMES	REGISTRATION NUMBERS
Ronald D. Hantman	27,796
Paul E. Purwin	29,203

SEND CORRESPONDENCE TO:EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(formerly Exxon Research and Engineering Company)
P. O. Box 900
Annandale, New Jersey 08801-0900**DIRECT TELEPHONE CALLS TO:**
(Name and Telephone Number)RONALD D. HANTMAN
(908) 730-3645

We/I hereby declare that all statements made herein of our/my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF INVENTOR	LAST NAME KERN	FIRST NAME KENNETH	MIDDLE NAME C.
By Steven Kern, Executor for the estate of Kenneth Kern, deceased			
RESIDENCE & CITIZENSHIP	CITY St. Leonard	STATE OR FOREIGN COUNTRY Maryland	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 941 Morello Way	CITY St. Leonard	STATE OR COUNTRY Maryland ZIP CODE 20685

Inventor's Signature



Date 25 JAN 2002

FULL NAME OF INVENTOR	LAST NAME CHARLES	FIRST NAME GEORGE	MIDDLE NAME P.
RESIDENCE & CITIZENSHIP	CITY Glen Mills	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 14 Annesley Drive	CITY Glen Mills	STATE OR COUNTRY Pennsylvania ZIP CODE 19342

Inventor's Signature

Date

FULL NAME OF INVENTOR	LAST NAME SULLIVAN	FIRST NAME CHRISTOPHER	MIDDLE NAME F.
RESIDENCE & CITIZENSHIP	CITY Alexandria	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 6230 Split Creek Lane	CITY Alexandria	STATE OR COUNTRY Virginia ZIP CODE 22312-3979

Inventor's Signature

Date

FULL NAME OF INVENTOR	LAST NAME SULLIVAN	FIRST NAME ANDREW	MIDDLE NAME D.
RESIDENCE & CITIZENSHIP	CITY Billings	STATE OR FOREIGN COUNTRY Montana	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 2110 St. Johns Avenue	CITY Billings	STATE OR COUNTRY Montana ZIP CODE 59102

Inventor's Signature

Date

FULL NAME OF INVENTOR	LAST NAME SHIEL	FIRST NAME HOWARD	MIDDLE NAME H.
RESIDENCE & CITIZENSHIP	CITY Oakton	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 10248 Appalachian Circle #E2	CITY Oakton	STATE OR COUNTRY Virginia ZIP CODE 22124

Inventor's Signature

Date

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FULL NAME OF INVENTOR	LAST NAME RIGHI	FIRST NAME JOHN	MIDDLE NAME M.	
RESIDENCE & CITIZENSHIP	CITY London, SW19 4NY	STATE OR FOREIGN COUNTRY United Kingdom		COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 16 Spencer Hill, Wimbledon	CITY London, SW19 4NY	STATE OR COUNTRY United Kingdom	ZIP CODE

Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME HAYES	FIRST NAME MICHAEL	MIDDLE NAME A.	
RESIDENCE & CITIZENSHIP	CITY Warrenton	STATE OR FOREIGN COUNTRY Virginia		COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 6221 Mint Springs Drive	CITY Warrenton	STATE OR COUNTRY Virginia	ZIP CODE 20187

Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME MASON	FIRST NAME DANIEL	MIDDLE NAME H.	
RESIDENCE & CITIZENSHIP	CITY Falls Church	STATE OR FOREIGN COUNTRY Virginia		COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 310 Bishops Court	CITY Falls Church	STATE OR COUNTRY Virginia	ZIP CODE 22046

Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY		COUNTRY OF CITIZENSHIP
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NAMES

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Ronald D. Hantman
Paul E. Purwin27,796
29,203SEND CORRESPONDENCE TO:EXXONMOBIL RESEARCH AND ENGINEERING COMPANY
(formerly Exxon Research and Engineering Company)
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Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME CHARLES	FIRST NAME GEORGE	MIDDLE NAME P.
RESIDENCE & CITIZENSHIP	CITY Glen Mills	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 14 Annesley Drive	CITY Glen Mills	STATE OR COUNTRY Pennsylvania ZIP CODE 19342

Inventor's Signature George P. CharlesDate Jan. 23, 2002

FULL NAME OF INVENTOR	LAST NAME SULLIVAN	FIRST NAME CHRISTOPHER	MIDDLE NAME F.
RESIDENCE & CITIZENSHIP	CITY Alexandria	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 6230 Split Creek Lane	CITY Alexandria	STATE OR COUNTRY Virginia ZIP CODE 22312-3979

Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME SULLIVAN	FIRST NAME ANDREW	MIDDLE NAME D.
RESIDENCE & CITIZENSHIP	CITY Billings	STATE OR FOREIGN COUNTRY Montana	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 2110 St. Johns Avenue	CITY Billings	STATE OR COUNTRY Montana ZIP CODE 59102

Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME SHIEL	FIRST NAME HOWARD	MIDDLE NAME H.
RESIDENCE & CITIZENSHIP	CITY Oakton	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 10248 Appalachian Circle #E2	CITY Oakton	STATE OR COUNTRY Virginia ZIP CODE 22124

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			ZIP CODE

Inventor's Signature _____

Date _____

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RESIDENCE & CITIZENSHIP	CITY Warrenton	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 6221 Mint Springs Drive	CITY Warrenton	STATE OR COUNTRY Virginia
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RESIDENCE & CITIZENSHIP	CITY Falls Church	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 310 Bishops Court	CITY Falls Church	STATE OR COUNTRY Virginia
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FULL NAME OF INVENTOR	LAST NAME KERN	FIRST NAME KENNETH	MIDDLE NAME C.
RESIDENCE & CITIZENSHIP	CITY Burke	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 1906 Tinsmith Lane	CITY Burke	STATE OR COUNTRY Virginia ZIP CODE 22015

Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME CHARLES	FIRST NAME GEORGE	MIDDLE NAME P.
RESIDENCE & CITIZENSHIP	CITY Glen Mills	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 14 Annesley Drive	CITY Glen Mills	STATE OR COUNTRY Pennsylvania ZIP CODE 19342

Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME SULLIVAN	FIRST NAME CHRISTOPHER	MIDDLE NAME F.
RESIDENCE & CITIZENSHIP	CITY Alexandria	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 6230 Split Creek Lane	CITY Alexandria	STATE OR COUNTRY Virginia ZIP CODE 22312-3979

Inventor's Signature ChellDate 2002.01.16

FULL NAME OF INVENTOR	LAST NAME SULLIVAN	FIRST NAME ANDREW	MIDDLE NAME D.
RESIDENCE & CITIZENSHIP	CITY Billings	STATE OR FOREIGN COUNTRY Montana	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 2110 St. Johns Avenue	CITY Billings	STATE OR COUNTRY Montana ZIP CODE 59102

Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME SHIEL	FIRST NAME HOWARD	MIDDLE NAME H.
RESIDENCE & CITIZENSHIP	CITY Oakton	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 10248 Appalachian Circle #E2	CITY Oakton	STATE OR COUNTRY Virginia ZIP CODE 22124

Inventor's Signature Howard H. ShielDate 1/15/2002

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FULL NAME OF INVENTOR	LAST NAME RIGHI	FIRST NAME JOHN	MIDDLE NAME M.
RESIDENCE & CITIZENSHIP	CITY London, SW19 4NY	STATE OR FOREIGN COUNTRY United Kingdom	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 16 Spencer Hill, Wimbledon	CITY London, SW19 4NY	STATE OR COUNTRY United Kingdom
			ZIP CODE

Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME HAYES	FIRST NAME MICHAEL	MIDDLE NAME A.
RESIDENCE & CITIZENSHIP	CITY Warrenton	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 6221 Mint Springs Drive	CITY Warrenton	STATE OR COUNTRY Virginia
			ZIP CODE 20187

Inventor's Signature Michael A HayesDate 1/18/2002

FULL NAME OF INVENTOR	LAST NAME MASON	FIRST NAME DANIEL	MIDDLE NAME H.
RESIDENCE & CITIZENSHIP	CITY Falls Church	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 310 Bishops Court	CITY Falls Church	STATE OR COUNTRY Virginia
			ZIP CODE 22046

Inventor's Signature [Signature]Date Jan 31, 2002

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE

Inventor's Signature _____

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FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
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RESIDENCE & CITIZENSHIP	CITY Burke	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	POST OFFICE ADDRESS 1906 Tinsmith Lane	CITY Burke	STATE OR COUNTRY Virginia	ZIP CODE 22015

Inventor's Signature _____

Date _____

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RESIDENCE & CITIZENSHIP	CITY Glen Mills	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP U.S.A.	
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POST OFFICE ADDRESS	POST OFFICE ADDRESS 6230 Split Creek Lane	CITY Alexandria	STATE OR COUNTRY Virginia	ZIP CODE 22312-3979

Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME SULLIVAN	FIRST NAME ANDREW	MIDDLE NAME D.	
RESIDENCE & CITIZENSHIP	CITY Billings	STATE OR FOREIGN COUNTRY Montana	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	POST OFFICE ADDRESS 2110 St. Johns Avenue	CITY Billings	STATE OR COUNTRY Montana	ZIP CODE 59102

Inventor's Signature Andrew D. SulliDate 1/16/02

FULL NAME OF INVENTOR	LAST NAME SHIEL	FIRST NAME HOWARD	MIDDLE NAME H.	
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Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME HAYES	FIRST NAME MICHAEL	MIDDLE NAME A.
RESIDENCE & CITIZENSHIP	CITY Warrenton	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 6221 Mint Springs Drive	CITY Warrenton	STATE OR COUNTRY Virginia
			ZIP CODE 20187

Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME MASON	FIRST NAME DANIEL	MIDDLE NAME H.
RESIDENCE & CITIZENSHIP	CITY Falls Church	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 310 Bishops Court	CITY Falls Church	STATE OR COUNTRY Virginia
			ZIP CODE 22046

Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE

Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
			ZIP CODE

Inventor's Signature _____

Date _____

DECLARATION FOR PATENT APPLICATION

As below named inventor(s)

KENNETH C. KERN	GEORGE P. CHARLES	CHRISTOPHER F. SULLIVAN	ANDREW D. SULLIVAN
HOWARD H. SHIEL	JOHN M. RIGHI	MICHAEL A. HAYES	DANIEL H. MASON

We/I hereby declare that residence, post office address and citizenship are as stated on page 2.

We/I believe we/I are the original, first and joint inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled PROCESS UNIT MONITORING TOOLSET, the specification of which(check one) ☒ is attached hereto.☐ was filed on _____ as Application Serial No. _____
and was amended on _____ (if applicable).

We/I hereby state that we/I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We/I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

We/I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate(s) listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)Priority Claimed

_____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No

We/I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we/I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

We/I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

_____	_____
(Application Serial No.)	(Filing Date)

POWER OF ATTORNEY: As named inventor(s), we/I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

NAMES	REGISTRATION NUMBERS
Ronald D. Hantman	27,796
Paul E. Purwin	29,203

SEND CORRESPONDENCE TO:	DIRECT TELEPHONE CALLS TO:
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY (formerly Exxon Research and Engineering Company) P. O. Box 900 Annandale, New Jersey 08801-0900	(Name and Telephone Number) RONALD D. HANTMAN (908) 730-3645

We/I hereby declare that all statements made herein of our/my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF INVENTOR	LAST NAME KERN	FIRST NAME KENNETH	MIDDLE NAME C.
RESIDENCE & CITIZENSHIP	CITY Burke	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 1906 Tinsmith Lane	CITY Burke	STATE OR COUNTRY Virginia
			ZIP CODE 22015

Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME CHARLES	FIRST NAME GEORGE	MIDDLE NAME P.
RESIDENCE & CITIZENSHIP	CITY Glen Mills	STATE OR FOREIGN COUNTRY Pennsylvania	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 14 Annesley Drive	CITY Glen Mills	STATE OR COUNTRY Pennsylvania
			ZIP CODE 19342

Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME SULLIVAN	FIRST NAME CHRISTOPHER	MIDDLE NAME F.
RESIDENCE & CITIZENSHIP	CITY Alexandria	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 6230 Split Creek Lane	CITY Alexandria	STATE OR COUNTRY Virginia
			ZIP CODE 22312-3979

Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME SULLIVAN	FIRST NAME ANDREW	MIDDLE NAME D.
RESIDENCE & CITIZENSHIP	CITY Billings	STATE OR FOREIGN COUNTRY Montana	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 2110 St. Johns Avenue	CITY Billings	STATE OR COUNTRY Montana
			ZIP CODE 59102

Inventor's Signature _____

Date _____

FULL NAME OF INVENTOR	LAST NAME SHIEL	FIRST NAME HOWARD	MIDDLE NAME H.
RESIDENCE & CITIZENSHIP	CITY Oakton	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 10248 Appalachian Circle #E2	CITY Oakton	STATE OR COUNTRY Virginia
			ZIP CODE 22124

Inventor's Signature _____

Date _____

We/I hereby declare that all statements made herein of our/my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF INVENTOR	LAST NAME RIGHI	FIRST NAME JOHN	MIDDLE NAME M.
RESIDENCE & CITIZENSHIP	CITY London, SW19 4NY	STATE OR FOREIGN COUNTRY United Kingdom	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 16 Spencer Hill, Wimbledon	CITY London, SW19 4NY	STATE OR COUNTRY United Kingdom

Inventor's Signature

Date 28-Jun-2012

FULL NAME OF INVENTOR	LAST NAME HAYES	FIRST NAME MICHAEL	MIDDLE NAME A.
RESIDENCE & CITIZENSHIP	CITY Warrenton	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 6221 Mint Springs Drive	CITY Warrenton	STATE OR COUNTRY Virginia

Inventor's Signature

Date

FULL NAME OF INVENTOR	LAST NAME MASON	FIRST NAME DANIEL	MIDDLE NAME H.
RESIDENCE & CITIZENSHIP	CITY Falls Church	STATE OR FOREIGN COUNTRY Virginia	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS 310 Bishops Court	CITY Falls Church	STATE OR COUNTRY Virginia

Inventor's Signature

Date

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY

Inventor's Signature

Date

FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY

Inventor's Signature

Date